

In Cooperation With:  
U.S. Department of Agriculture  
National Agricultural Statistics Service  
Agricultural Marketing Service  
U.S. Department of Commerce/N.O.A.A.  
Rutgers University

Agricultural Summary

Days suitable for field work 6.1. Topsoil moisture supplies were rated 67% short, and 33% adequate. Corn silked 100%. Corn dough 86%. Corn condition was rated 1% very poor, 3% poor, 42% fair, and 54% good. Corn silage harvested 10%. Soybeans blooming 100%. Soybean condition was rated 33% fair, 57% good, and 10% excellent. Some hay producers in northern New Jersey have delayed finishing their second and third cuttings due to continued dry conditions. Activities included irrigating fields, spraying and planting fall vegetables. Vegetable producers continued harvesting sweet corn, peppers, snap beans and fresh market tomatoes, all of which were rated in mostly good condition. Pumpkins and sweet potatoes were also rated in mostly good condition. Apple and peach harvest continued with crop condition rated as mostly good.

Climate summary for the week ending Sunday 9/2/01

Temperatures averaged above normal. Extremes were 90 degrees at Glassboro and Freehold on the 28<sup>th</sup> and 46 degrees at Charlotteburg on the 3<sup>rd</sup>. Weekly rainfall averaged 0.28 inches north, 0.62 inches central, and 0.28 inches south. The heaviest 24 hour total reported was 2.02 inches at Toms River on the 27<sup>th</sup> to 28<sup>th</sup>.

Estimated soil moisture, in percent of field capacity, this past week averaged 67 percent north, 65 percent central and 43 percent south. Four inch soil temperatures averaged 69 degrees north, 72 degrees central and 74 degrees south.

WEATHER SUMMARY FOR THE WEEK ENDING SUNDAY								9/2/01		
WEATHER STATIONS	R A I N F A L L			TEMPERATURE			DEGREE DAYS		MOISTURE	
	WEEK	TOTAL	*DEP	MX	MN	AVG	*DEP	TOT	*DEP	%FC
BELVIDERE BRIDGE	.07	21.82	-2.99	87	48	70.	3	2498	258	52
CANOE BROOK	.12	23.34	-2.66	89	49	71.	4	2661	403	66
CHARLOTTEBURG	.28	21.12	-5.14	86	46	67.	3	2190	396	65
FLEMINGTON	.50	30.44	5.44	88	48	70.	2	2414	97	68
LONG VALLEY	.00	23.02	-4.04	82	50	66.	1	2048	50	60
NEWTON	.73	20.12	-4.14	88	47	69.	4	2380	337	72
FREEHOLD	.17	22.08	-2.31	90	51	73.	4	2825	359	59
LONG BRANCH	.45	24.59	-.15	85	52	71.	2	2579	190	53
NEW BRUNSWICK	.03	25.41	.76	89	50	73.	2	2669	91	65
PEMBERTON	missing									
TOMS RIVER	2.35	24.20	-1.06	88	52	73.	3	2686	310	74
TRENTON	.11	25.15	1.78	87	50	71.	1	2775	99	37
ATLANTIC CITY MARINA	.00	15.86	-5.46	81	59	74.	4	2809	384	28
CAPE MAY COURT HOUSE	.06	20.88	-.96	87	55	75.	3	2844	474	32
DOWNSTOWN	.54	17.63	-5.45	88	52	74.	4	2765	83	42
GLASSBORO	.00	20.72	-3.35	90	58	75.	5	3023	363	29
HAMMONTON	.77	16.90	-7.17	89	53	75.	5	2869	206	42
POMONA	.00	16.09	-6.09	87	51	72.	3	2757	274	36
SEABROOK	.56	24.17	2.10	87	54	74.	4	2956	259	44
SOUTH HARRISON	.95	22.23	-1.48	88	54	74	NA	2887	NA	NA

\*Departure from normal.  
\*\*Some values for Flemington were estimated for the period April-May  
  
"Woodstown normals used for South Harrison"

1/ Growing degree days since March 1, total and departure from normal or long term average.  
2/ Estimated soil moisture as % of field capacity based on climate data.

\*Some values for Flemington were estimated for the period April-May

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